

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven R. Nutt et al. Art Unit: Unknown Examiner: Unknown Serial No.: 10/624,922

: July 21, 2003 Filed

Title : COMPOSITE FOAM MADE FROM POLYMER MICROSPHERES

REINFORCED WITH LONG FIBERS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3). Copies of the US Patents are not being provided per the waiver posted on the USPTO website.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR \$1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-

or

Printed Name Typed Signing

Certificate

Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Scott C. Harri

Reg. No. 32,030

Date: 10/30/03

Fish & Richardson P.C. USPTO Customer No. 20985 12390 El Camino Real San Diego, CA 92130

Telephone: (858) 678-5070 Facsimile: (858) 678-5099

10341815.doc

| Sheet | _1_ | of | 1 |
|-------|-----|----|---|
|-------|-----|----|---|

Substitute Form PTO-1449 U.S. Department of Commerce (Modified)

Attorney's Docket No. 06666-150001

Applicant

Application No. 10/624,922

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Steven R. Nutt et al.

Filing Date Group Art Unit July 21, 2003 Unknown

(37 CFR §1.98(b))

| U.S. Patent Documents | | | | | | | |
|-----------------------|--------------|--------------------|---------------------|--------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | 4,163,824 | 08/07/1979 | Saidla | | | |
| · | AB | 4,365,024 | 12/21/1982 | Frentzel | | | |
| | AC | 4,418,159 | 11/29/1983 | Rasshofer et al. | | | |
| | AD | 5,137,831 | 08/11/1992 | Gruteser | | | |
| | AE | 6,013,689 | 01/11/2000 | Rader | | _ | |
| | AF | 5,137,931 | 08/11/1992 | Okumura, et al. | | | |
| | AG | 4,067,829 | 01/10/1978 | Garrett | | | |
| | AH | 3,673,130 | 06/27/1972 | Papa, et al. | | | |
| | AI | 3,740,356 | 06/19/1973 | Munoa, et al. | | - | |
| | AJ | 4,680,214 | 07/14/1987 | Frisch, et al. | | | |
| | AK | 6,342,750 | 01/29/2002 | Braungardt, et al. | | | |
| | AL | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|--------------|--------------------|---------------------|-----------------------------|-------|----------|------|---------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Tran | slation No |
| | AM | 2001-011230 | 01/16/2001 | Japan (abstract) | | | | X |
| | AN | 2000-119424 | 04/25/2000 | Japan (abstract) | | | | Х |
| | AO | 05-286069 | 11/02/1993 | Japan (abstract) | | | | X |
| | AP | 05-318506 | 12/03/1993 | Japan (abstract) | | | | Х |
| | AQ | 03-086506 | 04/11/1991 | Japan (abstract) | | | | Х |

| Other Documents (include Author, Title, Date, and Place of Publication) | | | | |
|---|--------------|--|--|--|
| Examiner Initial | Desig. ID | Document | | |
| | AR | Kiyotake Morimoto et al., "Adhesion Between Glass-Fiber and Matrix of Glass-Fiber Reinforced Rigid Polyurethane Foam Under Tension", 1994, Polymer-Plastics Technology and Engineering, 22(1), 55-76 | | |
| | AS | C. S. Karthikeyan et al., "Influence of Chopped Strand Fibres on the Flexural Behavior of a Syntactic Foam Core System", 2000, Polymer International 49: 158-162 | | |

| Examiner Signature | Date Considered | | | | |
|---|-----------------|--|--|--|--|
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with | | | | | |